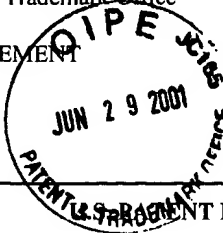


Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P20468Serial No.
09/820,820INFORMATION DISCLOSURE STATEMENT
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(Use several sheets if necessary)Applicant
T. ISHIKAWAFiling Date
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2877

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PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER				DATE			NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TN	4	7	9	5	9	1	1	01/03/89	KOHNO et al.		
	4	8	6	5	4	5	5	09/12/89	KOHNO et al.		
	4	4	1	6	5	3	8	11/22/83	MUELLER et al.		
	4	3	1	4	7	6	3	02/09/82	STEIGMEIER et al.		
	3	7	9	0	2	8	7	02/05/74	CUTHBERT et al.		
	5	5	0	4	3	1	7	04/02/96	TAKAHASHI		
	5	4	9	7	2	3	4	03/05/96	HAGA		
	4	9	6	8	8	7	6	11/06/90	LIMA		
TN	5	5	8	3	6	3	2	12/10/96	HAGA		

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS											
DOCUMENT NUMBER				DATE			COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
TN	6	-	1 2 9	8	4	4	05/13/94	JAPAN		X	
	7	-	1 0 7	3	4	6	04/21/95	JAPAN		X	
			6 - 3	6	2	5	01/14/94	JAPAN		X	
	7	-	3 2 5	0	3	6	12/12/95	JAPAN		X	
	7	-	8 3	8	4	5	03/31/95	JAPAN		X	
TN	0	7	0 2	2	0	6	03/20/96	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

TN

DATE CONSIDERED

8/31/01

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